

ABSTRACT

"System for monitoring the movements of construction work parts"

The invention relates to a system for monitoring the movements, if any, of construction work parts. It comprises:

- a plurality of measurement taking stations ($S_1, S_2 \dots$) able to sight targets;
- a plurality of reference targets (c'_i) linked to at least one station;
- a plurality of monitoring targets (c_i) mounted on the said construction work parts, at least one of the said monitoring targets (k_i) being associated with at least two stations;
- means of control (30) of each station for measuring at successive instants the coordinates of the reference targets and of the monitoring targets which are associated therewith with respect to the said station; and
- means of processing (34) the coordinates of the reference targets and of the monitoring targets computed by the said stations at the said successive instants so as to deduce therefrom a displacement, if any, of a monitoring target between two measurement instants.

Figure 3